Test Equipment Depot
99 Washington Street
Melrose, MA 02176-6024

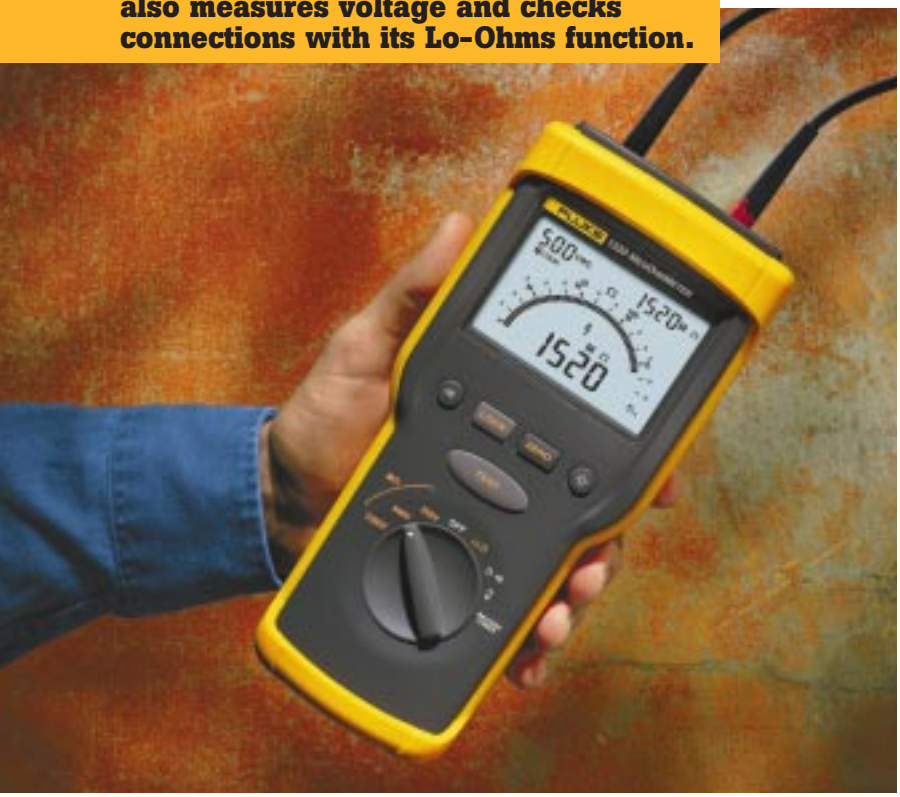
www.testequipmentdepot.com
800-517-8431
781-665-0780 FAX

FLUKE®

Fluke 1520 MegOhmMeter

Technical Data

The Fluke 1520 MegOhmMeter is a handy insulation resistance tester that also measures voltage and checks connections with its Lo-Ohms function.



- Large, backlit LCD with analog bar graph and digital display
- Three output voltages for insulation resistance testing: 250V, 500V, 1000V
- Insulation resistance testing up to 4000 MΩ; switches automatically to voltage measurement when voltage is greater than 30V ac or 30V dc.
- AC/DC voltage measurement up to 600V
- Lo-Ohms function for testing connections
- Last reading memory display
- 4 C-cell batteries for up to 5,000 tests per EN61557-2, with battery-life indicator and auto shut-off.
- Autodischarge of capacitive voltage charges
- Heavy duty test leads, alligator clips and test probes
- Rugged, splash-proof case with impact-absorbing holster
- 3 year warranty

CE

Designed and Conforms to IEC 61010-1 600V CAT III

LISTED UL 950Z

C SA US

Specifications

Function	Range	Accuracy	Resolution
Insulation Resistance			
Auto ranges	4.000 MΩ, 40.00 MΩ, 400.0 MΩ, 4000 MΩ	To 100 MΩ: 2% + 2 counts Over 100 MΩ: 10% + 2 counts +1%/GΩ	0.001MΩ to 10 MΩ
Test voltages	250V, 500V, 1000V	+20%, -0%	
Max measurement current	1 mA		
Audible/visible voltage warning	≥ 30V ac or dc		
Lo-Ohms			
Resistance	0 to 40.00Ω	2% + 2 counts	0.01Ω
Analog bar graph	0 to 100Ω		
Audible/visible voltage warning	≥ 30V ac or dc		
Resistance			
Resistance	4 k Ω	2% + 2 counts	1Ω
Analog bar graph	0 to 10kΩ		
Voltage			
Voltage	0 to 600V ac (50/60 Hz) 0 to 600V dc	2% + 2 counts	1V

Safety Specifications

Electrical safety
Meets IEC 1010-1 and EN 61557
Protection class
Pollution degree II
Overvoltage category
IEC 1010-1 CAT III 600V

Agency Approvals

UL, CSA, VDE (pending)

Environmental Specifications

Operating Temperature
-10°C to +50°C
Storage Temperature
-40°C to +70°C
Humidity (Without Condensation)
75% RH (40°C)
Dust/water resistance
IP42 per IEC 529
Operating Altitude
2,500 meters

Mechanical & General Specifications

Battery Check Function
Indicates remaining percent of charge
Size 241 x 108 x 72mm (9.5 x 4.25 x 2.85 inches)
Weight 1.1 kg (2.5 lbs)
Batteries 4 C size 1.5V alkaline
Warranty 3 years

Ordering Information

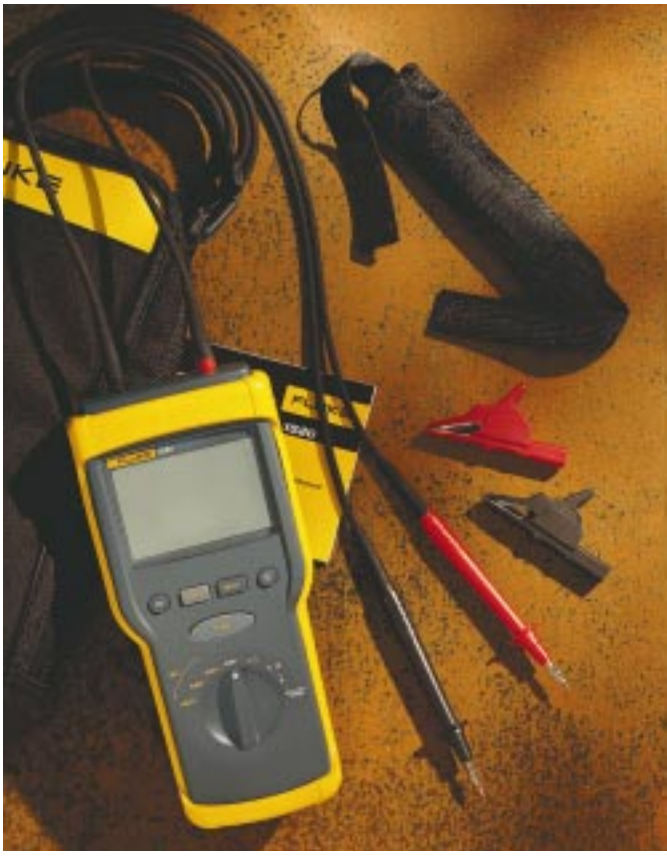
Fluke 1520 MegOhmMeter

Included Accessories

- Fluke 1520 MegOhmMeter
- TL27 Heavy Duty Test Leads (1 Red and 1 Black)
- TP74 Lantern Tip Test Probes (1 Red and 1 Black)
- AC86 Large Jaw Alligator Clips (1 Red and 1 Black)
- Protective holster with hand strap
- Carrying case with accessory storage
- Four C-cell alkaline batteries, installed
- Instruction manual
- Instruction manual on CD-ROM

Optional Accessories

- SH 100 Shoulder Strap
- TPAK Strap and Magnet for hanging the Fluke 1520

Optional TPAK Meter Strap and Magnet Hanging Kit

Optional SH 100 Shoulder Strap